

# ADULT HEALTH

## CHRONIC DISEASE INDICATORS

Cardiovascular disease is the leading cause of death in the United States, cancer the second, and diabetes the seventh. It is estimated that the morbidity and mortality costs of these three chronic conditions is more than \$334 billion annually.

Research suggests that at least half (and probably many more) of these chronic-condition cases could be avoided through the practice of lifelong healthy behaviors, especially those related to tobacco use, diet and physical inactivity.

### A Growing Older Adult Population

Lancaster County is experiencing an unprecedented demographic change in the makeup and size of its older population. This "longevity revolution" will create immense social and economic demands upon our nation, most of which will be in the area of health care.

### OLDER ADULT HEALTH INDICATORS

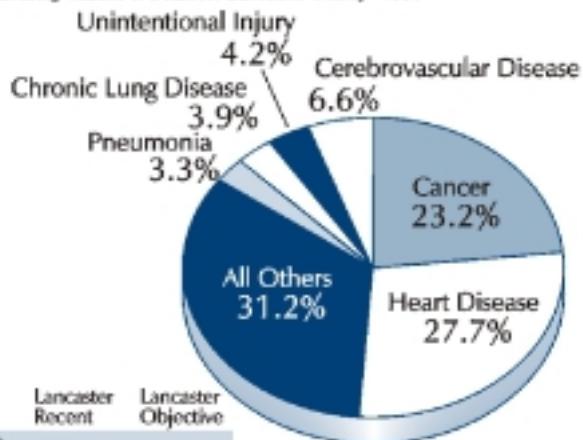
for Lancaster County

	Lancaster Recent	Lancaster Objective
Persons age 65 and older who have difficulty in performing two or more personal care activities per 1,000 population	51.6	41.0
Injuries due to falls for persons age 65 and older per 1,000 population	47.7	38.0
Percent of persons age 65 and older who engage in no physical activity	38.5	30.8
Percent of persons age 65 and older who report mental health problems in the past 30 days (stress, depression, problems with emotions)	9.9	8.0

	Lancaster Recent	Lancaster Objective 2010
Age adjusted deaths per 100,000 population		
Cardiovascular disease	244.6	195.0
Coronary heart disease	100.3	51.0
Stroke	34.0	16.0
Cancer (all forms)	150.1	103.0
Lung cancer	39.5	33.0
Breast cancer among women	32.8	26.0
Colorectal cancer	13.6	8.8
Prostate cancer among men	14.1	12.0
Diabetes	14.0	12.0

### 1999 VITAL STATISTICS

Leading Causes of Death for Lancaster County - 1999



# ENVIRONMENTAL HEALTH ASSESSMENT

Every breath can expose individuals to a dose of air pollution which—depending on the chemical, concentration, and individual sensitivity—has the potential to cause or increase the risk of adverse health effects. These health effects include respiratory disease or asthma, cancer, and serious chronic organ dysfunction.

The Health Department has the responsibility to conduct many of the assurance activities associated with federal regulations, such as monitoring air quality, writing permits for new and existing air pollution sources, inspecting for compliance, inventoring air emissions, and taking enforcement action against non-compliers.

### AIR POLLUTION EMISSIONS SUMMARY

for Lancaster County

Total Pounds (1999) = 345,010,000

#### POLLUTANTS INCLUDE:

- Volatile Organic Compounds (VOC)
- Nitrogen Oxides (NOx)
- Sulfur Oxides (SOx)
- Carbon Monoxide (CO)
- Particulate Matter (PM)
- Hazardous Air Pollutants (HAPs)

HAPs are known to cause serious health effects, but no air quality standards have been established for these pollutants.

